

Amendments to the Specification:

Please amend the paragraph beginning at page 1, line 1 as follows:

Description

Please add the following header at page 1, line 4:

FIELD OF INVENTION

Please add the following headers and paragraph at page 1, line 8:

RELATED APPLICATION

Pursuant to 35 USC § 119 this application claims the benefit of German Patent Application No. 102 34 479.5, filed on July 29, 2002, the contents of which are herein incorporated by reference.

BACKGROUND

Please fix paragraph on page 1, line 27 as follows:

The insertion loss of the four-terminal transmission network is defined as the ratio of the voltage U_E across the terminating resistance 112 to the voltage across the terminating resistance 112 in the absence of a four-terminal transmission network. The voltage across the terminating resistance $\frac{U_0}{2}$ without a four-terminal transmission network is equal to half the source voltage U_0 . The following equation is thus obtained for the insertion loss.

Please add the following header at page 3, line 25:

SUMMARY

Please delete the paragraph beginning at page 3, line 30.

Please delete the paragraph beginning at page 4, line 17.

Applicant : Heinrich Schenk
Serial No. :
Filed :
Page : 3 of 6

Attorney's Docket No.: 12816-092001 / S-2497

Please add the following header at page 6, line 1:

BRIEF DESCRIPTION OF THE FIGURES

Please add the following header at page 6, line 23:

DETAILED DESCRIPTION

Please delete page 15.